



DPM 2776

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TURCO PRODUCTS • A DIVISION OF PUREX CORPORATION, LTD. • WILMINGTON, CALIFORNIA 90744 • OFFICES IN ALL PRINCIPAL CITIES

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TURCO[®] 4215

A NON-SILICATED, MILD ALKALINE, LOX COMPATIBLE CLEANER FOR THE AEROSPACE INDUSTRY

DESCRIPTION

TURCO 4215 is a granular alkaline compound for cleaning of metals. Its extremely free rinsing properties, resulting primarily from the fact that it is non-silicated and low in alkalinity, make it an outstanding material for such applications as cleaning Aerospace LOX, fuel and hydraulic components, and for cleaning prior to metal bonding. TURCO 4215 may be used for spray or tank immersion cleaning. Air, mechanical or ultrasonic agitation is recommended for tank cleaning.

PROPERTIES

Appearance: Free flowing, yellow granular compound.

Solubility: Readily soluble in water.

Corrosion: Non-corrosive to aluminum, steel, copper alloys and plated metals. Not suitable for use on magnesium except for very short exposures.

Non-Foaming: At recommended concentrations and temperatures this product is non-foaming, in mechanical spray equipment or agitated tanks.

Water Conditioning: Extremely high sequestering properties provide effective conditioning of the hardest waters.

USE INSTRUCTIONS

Equipment: Mild steel tanks, spray equipment and heating elements.

Concentration: For spraying, use 1/2 to 2 oz. of TURCO 4215 per gallon of solution. For soak tank cleaning, use 4 to 6 oz. of TURCO 4215 per gallon of solution. For ultrasonic cleaning, use 1/2 to 2 oz. per gallon.

Mixing: Add to cold or hot water with agitation. Continue agitation to completely dissolve compound.

Temperature: 140° to 160°F.

Rinse: Warm or cold water, overflowing pressure spray, dip tank or ultrasonic.

Controls: Periodically determine solution concentration with the TURCO TEST KIT. Add compound to maintain desired concentration.

TOXICITY AND HAZARDS

TURCO 4215 is classified as a non-hazardous industrial cleaning compound. Its alkalinity is exceptionally low, maximum solution pH being approximately 9.5.

PACKAGING

TURCO 4215 is packaged in 125 lb. and 500 lb. drums.

SHIPPING

TURCO 4215 is packed in approved I.C.C. containers and can be sent via truck, rail, ship, railway express, air, parcel post (if in a suitable container) anywhere within the continental limits of the United States.

NOTICE

The information and recommendations of TURCO concerning this product are based upon our laboratory tests and field use experience and to the best of our knowledge and belief are true and accurate. Since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied.